

44243. INODES EXUL O. F. Cook. Phenicaceæ. Palmetto.

From Victoria, Tex. Presented by Mrs. Martin O'Connor. Received March 9, 1917.

A large palmetto, cultivated in Texas, with deep-green foliage, solitary fruits, and large seeds not wrinkled above. (Adapted from *O. F. Cook, Bureau of Plant Industry Circular 113, pp. 11-14.*)

"These have been through several freezes." (*O'Connor.*)

See also S. P. I. No. 35116 for further description.

44244. ANNONA SQUAMOSA L. Annonaceæ. Sugar-apple.

From Dindigul, South India. Presented by Rev. Willis P. Elwood, American Madura Mission. Received March 9, 1917.

"Seeds of sugar or custard-apple. Some of it I saved myself, but a greater part came from other places where the fruit was said to be superior." (*Elwood.*)

44245. LYCOPERSICON ESCULENTUM Mill. Solanaceæ. Tomato.

From Cristobal, Canal Zone. Presented by Mr. O. W. Barrett. Received March 14, 1917.

"Seeds from ripe fruits of the so-called bush (i. e., jungle) variety which bears more or less wrinkled berries of 15 to 25 mm. in diameter; the plant is very loosely branched, 50 to 75 cm. or more high, and it appears to resist the *Bacillus solanacearum* very well." (*Barrett.*)

44246. PYRUS USSURIENSIS Maxim. Malaceæ. Pear.

From Charles City, Iowa. Scions presented by Mr. Charles G. Patten. Received March 6, 1917.

"In Grundy Center, Iowa, there is a pear tree growing which endured the extremely cold winters of 1883, 1884, and 1885. This pear is owned by Mr. O. A. Bardhall, a tailor, and was imported from China as a Chinese sand pear by John S. Collins & Sons, of New Jersey, and was supposed by them to bear pears nearly the size of Flemish Beauty, but only of cooking quality. The extreme hardiness of the tree appealed to Mr. Charles G. Patten, of Charles City, Iowa, who planted one in his orchard in 1885, and the following year planted two in an isolated orchard on his farm. The second year after that the tree bore fruit, but on account of its early blooming and consequent lack of pollination bore only a very scanty number of very small, green-colored, hard pears, from which but few seeds were saved. There are in Charles City some 200 seedling pear trees, products of crosses of the Longworth, Seckel, and Chinese sand varieties." (Adapted from *Charles G. Patten, in Report of the Iowa State Horticultural Society for the Year 1912, p. 162.*)

44247 to 44249.

From China. Collected by Mr. Frank N. Meyer, Agricultural Explorer for the Department of Agriculture. Received March 6, 1917.

44247. ALLIUM FISTULOSUM L. Liliaceæ. Leek.

"(No. 137b. Ansuhsien, Chihli Province, China, January 18, 1917.) *Ta'ou ts'ung*, meaning 'large-headed leek.' One specimen of a peculiar, short variety of winter leek." (*Meyer.*)